OPENING AND CLOSING OF THE PLUG DOOR IN THE 1008 SHIELD WALL

procedure name

PHENIX Procedure No. PP-2.5.3.14-10

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Hand Processed Changes

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Approvals

_____ PHENIX S E & I Date

_____ Cognizant Scientist/Engineer /Activity Manager Date

_____ PHENIX Safety Date

_____ CA-D Safety Date

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REVISION CONTROL SHEET

LETTER	DESCRIPTION	DATE	AUTHOR	APPROVED BY	CURRENT OVERSIGHT
A	First Issue (Reviewed by D. Lynch 3/16/07 -> no revision required at that time)	12/13/2002	n/a	P.Kroon, Y. Makdisi, W. Lenz	D. LYNCH

Purpose & Scope

1.1 The purpose of this procedure is to provide directions for the movement of The Plug door that forms the access to the PHENIX IR in bldg. 1008, the PHENIX Experimental Hall (PEH)

2.0 Responsibilities

2.1 All operations shall be performed under the direction of the PHENIX shift leader or his designee with the cooperation of the CA main control room.

3.0 Prerequisites

3.1 Training: All personnel involved in this procedure shall have reviewed this procedure and the operation of the PHENIX plug door.

3.2 The plug door is electrically operated and is interlocked with the RHIC PASS system.

3.3 In addition an Iris scanner is used to permit access through the plug door so a baseline Iris scan is required to be in the data base.

4.0 Precautions

4.1 The door moves slowly and there is a potential for crushing personnel or equipment during this operation.. Therefore, access to the door area must be cleared of non-essential personnel and equipment.

4.2 There is a potential of damaging cables and hoses if they are not kept clear of the roller paths on the tracks during movement.

5.0 Procedure

To open the plug (experimenter procedure)

1. The PHENIX Shift Leader or designee should contact MCR and ask to have PHENIX (8GE1) set to CONTROLLED ACCESS.
2. Plug Operator is identified by iris scanner and removes CA Key from key tree.
3. Plug Operator sets plug drive motor energy disconnect switch to the ON position
4. Plug Operator inserts and turns the CA key in the drive motor enable key switch (RHIC Safety Systems 8GE1 Plug Door Lockout)
5. Plug Operator presses and holds the open pushbutton.
6. Plug Operator should notify the PHENIX shift Leader that the plug door is open.

NOTE: If the PHENIX Experimental Hall is going to RESTRICTED ACCESS, the area should be set by MCR to RESTRICTED ACCESS after the CA Key is removed from the Key Tree.

To close the plug (experimenter procedure)

1. After Experimental Hall is cleared and all CA keys have been returned to the key tree, the shift coordinator or designee is identified by the iris scanner and removes CA key to operate plug door.
2. Plug operator sets plug drive motor energy disconnect switch to the ON position
3. Plug operator inserts and turns the CA key in the drive motor enable Key switch (RHIC Safety Systems 8GE1 Plug Door Lockout)
4. Plug operator presses and holds the close pushbutton
5. Plug operator phones MCR when plug is closed so that gate 8GE1 may be remotely reset
6. Plug operator sets plug drive motor energy disconnect switch to the OFF position
7. Plug operator returns CA key to the Key Tree
8. Plug operator phones MCR to report that he/she is "signing out"
9. Plug operator identifies self (signs out) to MCR by using the iris scan identification

NOTE: if PHENIX has been set to RESTRICTED ACCESS, the plug door will be closed at the conclusion of the IR sweep by the Sweep Team.

6.0 Documentation

NONE

7.0 References

NONE

8.0 Attachments

NONE